

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 1132WOORD01	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/EP 03/08967	International filing date (day/month/year) 13/08/2003	(Earliest) Priority Date (day/month/year) 17/08/2002
Applicant ALTANA PHARMA AG		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 6 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☐ Unity of invention is lacking (see Box II).

4. With regard to the title,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

PHENANTHRIDINES WITH PDE 3/4 INHIBITING ACTIVITY

5. With regard to the abstract,

☐ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☐ None of the figures.

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1 270 577 A (TAKEDA CHEMICAL INDUSTRIES LTD) 2 January 2003 (2003-01-02) see compound 150, page 157 -----	1-13
A	EP 0 490 823 A (SANDOZ LTD ; SANDOZ AG (DE); SANDOZ AG (AT)) 17 June 1992 (1992-06-17) claim 1 -----	1-13
P,Y	WO 02 066476 A (BYK GULDEN LOMBERG CHEM FAB ; FLOCKERZI DIETER (DE)) 29 August 2002 (2002-08-29) claim 1 -----	1-13

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9905113	A	04-02-1999	AT 228507 T	15-12-2002
			AU 756349 B2	09-01-2003
			AU 9154698 A	16-02-1999
			DE 69809754 D1	09-01-2003
			DE 69809754 T2	18-09-2003
			DK 1000035 T3	17-03-2003
			EE 200000032 A	16-10-2000
			WO 9905113 A1	04-02-1999
			EP 1000035 A1	17-05-2000
			ES 2189235 T3	01-07-2003
			HU 0003311 A2	28-03-2001
			JP 2001510827 T	07-08-2001
			PL 338452 A1	06-11-2000
			PT 1000035 T	30-04-2003
			US 6121279 A	19-09-2000
WO 0206238	A	24-01-2002	AU 6758901 A	30-01-2002
			WO 0206238 A1	24-01-2002
WO 9728131	A	07-08-1997	DE 19603321 A1	07-08-1997
			AT 233735 T	15-03-2003
			AU 707058 B2	01-07-1999
			AU 1719997 A	22-08-1997
			BR 9707233 A	20-07-1999
			CN 1214681 A	21-04-1999
			CZ 9802414 A3	16-12-1998
			DE 59709437 D1	10-04-2003
			DK 882021 T3	23-06-2003
			EA 1205 B1	25-12-2000
			EE 9800223 A	15-12-1998
			WO 9728131 A1	07-08-1997
			EP 0882021 A1	09-12-1998
			HU 9900666 A2	28-06-1999
			IL 125286 A	14-08-2002
			JP 2000503996 T	04-04-2000
			NO 983505 A	11-09-1998
			NZ 331374 A	28-01-2000
			PL 328019 A1	04-01-1999
			PT 882021 T	31-07-2003
			SK 102498 A3	10-03-1999
			US 6191138 B1	20-02-2001
EP 1270577	A	02-01-2003	AU 3955001 A	03-10-2001
			CA 2404226 A1	27-09-2001
			EP 1270577 A1	02-01-2003
			WO 0170746 A1	27-09-2001
			JP 2001335579 A	04-12-2001
EP 0490823	A	17-06-1992	AT 145201 T	15-11-1996
			AU 643575 B2	18-11-1993
			AU 8898591 A	18-06-1992
			CA 2057524 A1	14-06-1992
			CS 9103757 A3	17-06-1992
			DE 69123124 D1	19-12-1996
			DE 69123124 T2	15-05-1997
			DK 490823 T3	17-02-1997
			EP 0490823 A1	17-06-1992
			--	--

Patent document cited in search report	Publication date	Patent family member(s)	Publication date	
EP 0490823	A	FI 915844 A	14-06-1992	
		GR 3022034 T3	31-03-1997	
		HU 61729 A2	01-03-1993	
		IE 914325 A1	17-06-1992	
		IL 100328 A	08-12-1995	
		JP 2042806 C	09-04-1996	
		JP 4275276 A	30-09-1992	
		JP 7064820 B	12-07-1995	
		MX 9102502 A1	01-06-1992	
		NZ 240936 A	27-09-1993	
		PL 292738 A1	14-12-1992	
		PT 99775 A , B	30-11-1992	
		RU 2060992 C1	27-05-1996	
		US 5177085 A	05-01-1993	
		ZA 9109858 A	14-06-1993	
WO 02066476	A	29-08-2002	WO 02066476 A1	29-08-2002